

MATERIAL SAFETY DATA SHEET

508 2600

Duraseal™ Floor Polish



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SECTION 1: IDENTIFICATION OF THE SUBSTANCE OR PREPARATION AND THE COMPANY

Product Name: **DURASEAL™ FLOOR POLISH**
 Company Name: Polycote UK
 Centre Point • Wolseley Road
 Woburn Road Industrial Estate
 Kempston • Beds MK42 7EF
 Telephone Number: 01234 846400

SECTION 2: HAZARDS IDENTIFICATION

Potential Acute Health Effects

Prolonged contact with skin may cause irritation. May cause severe eye irritation. May cause headache or nausea if inhaled. Harmful if swallowed.

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

Name	CAS No.	% by weight	TLV/PEL	LC50/LD50
Diethylene glycol methyl ether	111-77-3	1-5	Not available.	ORAL (LD50): Acute: 5550 mg/kg [Rat]
Dibutyl phtalate	84-74-2	1-5	Not available.	ORAL (LD50): Acute: 3181 mg/kg [Rat] DERMAL (LD50): Acute: 25000 mg/kg [Rabbit]
Modified acrylic polymer	Not available.		5-10	Not available. Not available

SECTION 4: FIRST AID MEASURES

Eye contact IMMEDIATELY flush eyes with running water for at least 15 minutes, keeping eyelids open. If irritation persists, get medical attention.

Skin contact Gently and thoroughly wash the contaminated skin with running water and non-abrasive soap.

Hazardous Skin Contact No additional information.

Inhalation Allow the victim to rest in a well ventilated area.

Hazardous Inhalation No additional information.

Ingestion DO NOT induce vomiting. Have conscious person drink several glasses of water or milk. NEVER give an unconscious person anything to ingest. Seek medical attention.

Hazardous Ingestion No additional information.

SECTION 5: FIRE FIGHTING MEASURES

Flammability of the Product Non-flammable.
Auto-Ignition Temperature Not applicable.
Flash Points Not applicable.
Flammable Limits Not applicable.
Products of Combustion Carbon oxides (CO, CO2)
Fire Hazards in Presence of Various Substances Not applicable.
Explosion Hazards No specific information is available in our database regarding the product's risks of explosion in the presence of various materials.

Fire Fighting Media and Instructions

Use DRY chemicals, CO2, water spray or foam.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Small Spill

Absorb with an inert DRY material and place in an appropriate waste disposal container. Finish cleaning by spreading water on the contaminated surface and dispose of according to local and regional authority requirements.

Large Spill

Stop leak if without risk. DO NOT get water inside container. Prevent entry into sewers, basements or confined areas; dike if needed. Call for assistance on disposal. Finish cleaning by spreading water on the contaminated surface and dispose of in accordance with local regulations.

SECTION 7: HANDLING AND STORAGE

Precautions

S1/2 – Keep locked up and out of the reach of children.
 S25 – Avoid contact with eyes.
 S26 – In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
 S29 – Do not empty into drains.
 S62 – If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label.

Storage

Store in a dry, cool and well ventilated area. Keep from freezing.

SECTION 8: EXPOSURE CONTROLS AND PERSONAL PROTECTION

Gloves Respiratory

Gloves (impervious).
 Wear appropriate respirator when ventilation is inadequate.

Eyes Other

Safety glasses.
 Full suit, boots, splash goggles: are recommended under exceptional circumstances such as fire, spill or for prolonged contact with bulk quantities.

Exposure Limits

Not available.

Polycote Duraseal Floor Polish – Part A Cont.

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SECTION 9: PHYSICAL & CHEMICAL PROPERTIES

Physical state and appearance	Liquid. (Opaque.)	Odor	Mild acrylic
Boiling point	100°C (212°F)	Taste	Not available.
Melting Point	0°C (32°F)	Color	White.
Critical Temperature	Not available.	Molecular Weight	Not applicable.
Volatility	86% (v/v).	pH (in Water)	Not available.
Evaporation Rate	Not available.	pH (concentrate)	9-9.5
Vapor Pressure	The highest known value is 2.3 kPa (at 20°C) (Water).	Vapor density	The highest known value is 1 (Air = 1) (Water).
Inocity (in Water)	Not available.	Specific Gravity	1.03 (Water = 1)
Dispersion Properties	See solubility in water, methanol.	Viscosity	< 20 cps
Solubility	Easily soluble in cold water, hot water, methanol. Insoluble in diethyl ether, n-octanol.	Odor Threshold	Not available.

SECTION 10: STABILITY AND REACTIVITY

Stability	The product is stable. (Nevertheless this product is sensitive to drastic changes of temperature)
Instability Temperature	Not available.
Conditions of Instability	No additional remark.
Incompatibility with Various Substances	With acids, alkalis, hydrocarbon solvents, inorganic salts and bleach.
Corrosivity	Not considered to be corrosive for metals and glass according to our database.

SECTION 11: TOXICOLOGICAL INFORMATION

Routes of Entry	Eye contact. Ingestion. Inhalation. Skin contact.
Toxicity to Animals	Acute oral toxicity (LD50): > 5000 mg/kg (RAT) (Calculated value for the mixture).
Engineering Controls	Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective threshold limit value.

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity	Low.
BOD5 and COD	Not available.
Products of Biodegradation	Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise.
Toxicity of the Products of Biodegradation	The product itself and its products of degradation are not toxic.

SECTION 13: DISPOSAL CONSIDERATIONS

Waste Disposal	Dispose of material according to regional, provincial and federal regulations. Consult your local or regional authorities.
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SECTION 14: TRANSPORT INFORMATION

ADR Classification UN/NA	Not controlled under ADR of the EEC.
Packing Group	None
Special Provisions for Transport	None
	Not applicable.

SECTION 15: REGULATORY INFORMATION

DSCL (Classification)
R22 – Harmful if swallowed. R36 – Irritating to eyes.

SECTION 16: OTHER INFORMATION

References
Validated by the Regulatory Affairs Department on 99-12-01

The Safety Data above is applicable to the product only as used according to the purposes and methods described on the relevant Technical Data Sheet, available from Polycote UK on request.

The information above is based on our present knowledge and is believed to be correct but does not purport to be all inclusive and should only be used as a guide. No warranty is implied with respect to the specification of the product. It is intended to describe the product solely in terms of its safety requirements and relates only to the specific material designed and may not be valid for such material used in combination with any other materials or in any process. This data does not constitute the users own assessment of workplace risk as required by other Health and Safety legislation, nor is it a sales specification or indication of suitability for any particular use. The user must satisfy himself as to the suitability of the product for his purpose. No legally valid contractual relationship is established by the above data, and Polycote UK shall not be held liable for any damage resulting from handling or from contact with the above product.

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Polycote UK

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